

















This screenshot shows the Visual Studio Code editor with the 'EXPLORADOR' sidebar on the left. The 'Assets > Scripts' folder is expanded, showing several files including 'CreaAnimales.cs', 'DetectaColision.cs', 'Move.cs', and 'PlayerController.cs'. The 'CreaAnimales.cs' file is selected and its code is displayed in the main editor window. The code defines a 'CreaAnimales' class that inherits from 'MonoBehaviour'. It includes a public array 'animals' of 'GameObject' type. The 'Start' method calls 'InvokeRepeating' to trigger the 'CreateAnimal' method every 1 second. The 'CreateAnimal' method generates a random index, position, and rotation, then instantiates a new animal object.

```
Assets > Scripts > CreaAnimales.cs
1 using System.Collections;
2 using System.Collections.Generic;
3 using UnityEngine;
4
5 public class CreaAnimales : MonoBehaviour
6 {
7     public GameObject[] animals;
8
9     void Start()
10    {
11        InvokeRepeating("CreateAnimal", 1, 1);
12    }
13
14    void CreateAnimal()
15    {
16        int index = Random.Range(0, 3);
17        int posX = Random.Range(-20, 20);
18
19        animals[index].transform.position = new Vector3(posX,
20            animals[index].transform.position.y,
21            animals[index].transform.position.z);
22
23        Instantiate(animals[index], animals[index].transform.position,
24            animals[index].transform.rotation);
25    }
26 }
27
28
```

This screenshot shows the Visual Studio Code editor with the 'EXPLORADOR' sidebar on the left. The 'Assets > Scripts' folder is expanded, and the 'DetectaColision.cs' file is selected. The code defines a 'DetectaColision' class that inherits from 'MonoBehaviour'. It includes a private method 'OnTriggerEnter' that takes a 'Collider' parameter and calls 'Destroy' on both the collider and the object it collided with.

```
Assets > Scripts > DetectaColision.cs
1 using System.Collections;
2 using System.Collections.Generic;
3 using UnityEngine;
4
5 public class DetectaColision : MonoBehaviour
6 {
7
8     private void OnTriggerEnter(Collider other)
9     {
10        Destroy(gameObject);
11        Destroy(other.gameObject);
12    }
13 }
14
```

This screenshot shows the Visual Studio Code editor with the 'EXPLORADOR' sidebar on the left. The 'Assets > Scripts' folder is expanded, and the 'Move.cs' file is selected. The code defines a 'Move' class that inherits from 'MonoBehaviour'. It includes a 'Start' method and an 'Update' method. The 'Update' method checks if the object's position is outside a certain range (z > 35 or z < -16) and destroys the object if so. It also moves the object forward by 10 units per frame.

```
Assets > Scripts > Move.cs
1 using System.Collections;
2 using System.Collections.Generic;
3 using UnityEngine;
4
5 public class Move : MonoBehaviour
6 {
7     // Start is called before the first frame update
8     void Start()
9     {
10    }
11
12    // Update is called once per frame
13    void Update()
14    {
15        if(transform.position.z > 35)
16        {
17            Destroy(gameObject);
18        }
19        if (transform.position.z < -16)
20        {
21            Destroy(gameObject);
22        }
23        transform.Translate(10 * Time.deltaTime * Vector3.forward);
24    }
25 }
26
27
```



